



2014

SEED SUMMARY REPORT INSPECTION RESULTS

PLANT INDUSTRIES DIVISION
BUREAU OF FEED, SEED, AND TREATED TIMBER

**Missouri Department of Agriculture
Mission Statement**

To serve, promote, and protect the agricultural producers, processors, and consumers of Missouri's food, fuel, and fiber products.

FOREWORD

The 2014 Seed Summary report is comprised of two sections.

Section one is intended to show the reliability of labelers in meeting their claims for seed quality. Inspections listed in this section were random, with no intentional bias, for the purpose of providing a means of comparing each labeler's reliability in meeting claims. The greater the number of samples taken per labeler, the greater the probability that the consistency in meeting claims shown will represent the labeler's actual performance.

Section two is comprised of selective inspections designed specifically to curtail labeling and licensing violations of the Missouri Seed Law. Examples of violations are selling seed without a permit, selling seed out of test date, and labeling omissions or inconsistencies with the law.

Stop sales are debited to the labeler if a discrepancy from the labeler's claim is found. If a lot of seed is found offered for sale past the time allowed on the existing germination test date, that violation is charged against the possessor of the seed. Violations recorded against the possessor of the seed are listed in section two.

All inspections were performed to fulfill the regulatory responsibilities given by the Missouri Department of Agriculture by the Missouri Seed Law, Statute Sections 226.011 through 266.111 (RSMo 2000).

INTRODUCTION

The Missouri Department of Agriculture, Plant Industries Division, Bureau of Feed, Seed, and Treated Timber are pleased to publish the 2014 Seed Summary Report and Inspection Results.

In 2014, the bureau officially sampled and tested 3,023 lots of seed. As a result of seed failing to meet its labeled guarantees, 103 stop-sale orders were issued. This resulted in a compliance rate of 96.59 percent compared to 95.77 percent in 2013.

The Missouri Seed Control Laboratory tested 408 service samples in 2014. A total of 3431 official and service samples were tested in 2014 resulting in a total of 5581 individual tests performed.

All seed retailers are required to have their seed retested for germination every 10 months (counting the month the seed was retested.) Seed lots found to be out of test date will be placed on stop sale order until the seed has been retested and a new test date and germination rate is placed on the label or the seed is disposed of in an acceptable manner. In 2014, 16 field written stop sale orders were issued mainly on out of test date seed.

The Bureau of Feed, Seed and Treated Timber offers many seed sampling and seed testing services. The charges for analysis and analytical reports on seed samples are listed in the Missouri Seed Law Rules 2CSR 70-35.050.

For more information concerning the services offered by the Bureau of Feed, Seed, and Treated Timber, contact the feed and seed inspector in your area or contact:

**Missouri Department of Agriculture
Plant Industries Division
P.O. Box 630
Jefferson City, MO 65102**

**Email: FSTT@mda.mo.gov
(573) 751-5474 Office; (573) 751-5500 Office Fax
(573) 751-4340 Seed Laboratory; (573) 526-7777 Seed Laboratory Fax**

Or visit our Web site at mda.mo.gov

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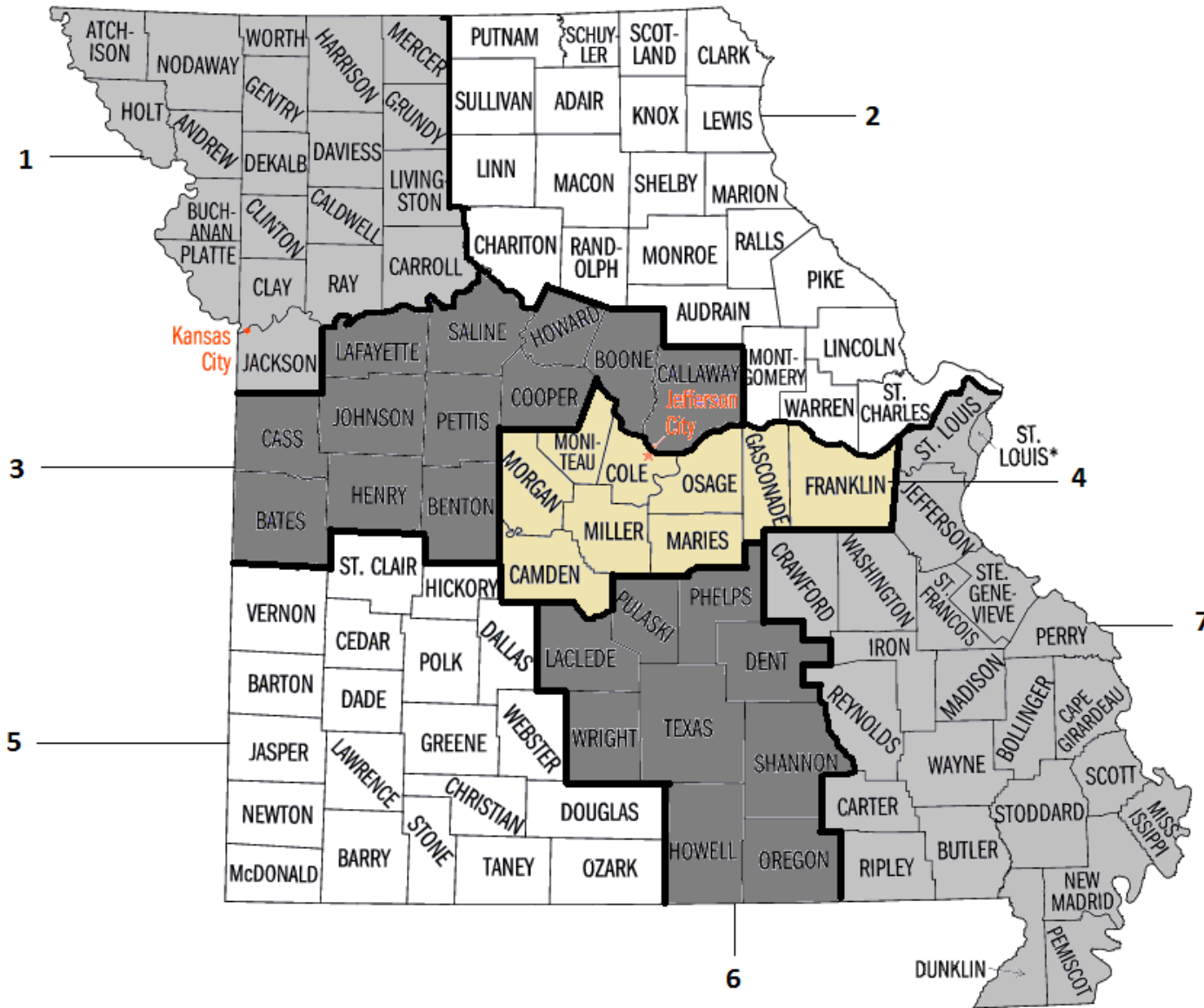
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SAMPLES ANALYZED FOR 2014

OFFICIAL SAMPLES ANALYZED			3,023
	Purity	605	
	Noxious Weed	786	
	Germination	3,467	
	Retests Performed	164	
TOTAL NUMBER OF LOTS IN VIOLATION			103
TOTAL OFFICIAL TESTS PERFORMED			5,022
COMPLIANCE RATE OF OFFICIAL SAMPLES ANALYZED			96.59%
SERVICE SAMPLES ANALYZED			408
	Purity	74	
	Noxious Weed	16	
	Germination	346	
	Endophyte		
	Pure Live Seed		
	TZ		
	Seed Count per pound	123	
	Cold Test (S/B)		
	Other		
TOTAL SERVICE SAMPLE TESTS PERFORMED			559
TOTAL SAMPLES FOR 2014			3,431
TOTAL TESTS PERFORMED FOR 2014			5,581
SEED PERMITS ISSUED FOR 2014			2,791

Information on samples, inspection of seeds, or service samples is available from the Bureau of Feed, Seed, and Treated Timber, 115 Constitution Drive, Jefferson City, Missouri, 65109 or by calling (573) 751-5474.

SUBMITTING SERVICE SAMPLES

Testing period for free seed analysis:

June 1 through August 31

November 1 through January 15

Testing period for charges on seed analysis:

January 16 through May 31

September 1 through October 31

Purity charges:

One cultivar	\$12.00
More than one cultivar in same sample	\$18.00
Seed having less than 90 percent pure seed	\$10.00/hour

Germination charges (highly chaffy grasses, excluded) \$12.00

Other testing charges:

TZ	\$25.00
Highly chaffy seed	\$10.00/hour
Highly chaffy germ	\$14.00
Endophyte from seed	\$20.00
Noxious and Prohibited weed seed	\$12.00
Complete Test (Including Purity, Germination, and Noxious Weeds)	\$36.00

CRITERIA FOR OBTAINING A SERVICE SAMPLE

Forward your seed in containers adequate to protect the sample.

Without proper sampling technique, test will not reflect true quality of the seed.

Bulk lot seeds:

Take a sample from several places.

Mix the seed samples thoroughly.

Make a composite sample.

Bagged lot seeds:

Take sample from approximately 10 percent of the bags.

Mix the seed samples thoroughly.

Make a composite sample.

Size of sample needed for testing:

TYPE OF SEED	SAMPLE SIZE
Large Seeds (corn, soybean, wheat, etc.)	Quart
Highly chaffy seeds (bromegrass, switchgrass, canarygrass, bluestem)	Quart
Small seeds (grass seed, legumes, clover, alfalfa, etc.)	Pint
Vegetable Seeds	100 seed minimum

SEED ANALYSIS SERVICE SAMPLE APPLICATION

Submit seed samples with request for analysis to: **State Seed Control Laboratory**
Department of Agriculture
115 Constitution Drive (65109)
P.O. Box 630 (65102)
Jefferson City, MO

PLEASE PRINT OR TYPE THE FOLLOWING INFORMATION:

Date _____

Lot number or ID of seed _____ **Kind of seed** _____

**Check the following
analysis to be run:**

Free _____

Charge _____ (see page 6 for free & charge times)

Germination _____

Purity _____

**Noxious or prohibited
weed seed content** _____

Other (please specify) _____

Person planting this seed _____ **Phone** _____

Address _____
(Route/Street No.) (P.O. Box)

(City)

(State)

(Zip)

SECTION ONE

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Agborn Genetics, LLC, Hermann, MO		Soybean		3	3	0					
Compliance Rate:	100.0%		Total	3	3	0	0	0	0	0	0
Agrigenetics DBA as Mycogen, Indianapolis, IN		Mixture		6	6	0					
		Soybean		24	23	1	1				
		Sunflower		2	2	0					
Compliance Rate:	96.9%		Total	32	31	1	1	0	0	0	0
Agrigold Hybrids, St Francesville, IL		Corn, field		4	4	0					
Compliance Rate:	100.0%		Total	4	4	0	0	0	0	0	0
Agrimaxx Wheat Company, Mascoutah, IL		Wheat		4	4	0					
Compliance Rate:	100.0%		Total	4	4	0	0	0	0	0	0
America's Alfalfa, Nampa, ID		Alfalfa		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Amturf Enterprises LLC, Crown Point, IN		Mixture		2	1	1	1				
Compliance Rate:	50.0%		Total	2	1	1	1	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Amturf Enterprises LLC, Jefferson, OR											
Mixture				2	1	1	1				
Compliance Rate:	50.0%		Total	2	1	1	1	0	0	0	0
Andrews Farm & Seed Inc, Carthage, MO											
Wheat, red				1	1	0	0				
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Baird Seed Company, Williamsfield, IL											
Soybean				1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Barenbrug USA, Tangent, OR											
Brassica				1	1	0					
Fescue, tall				1	0	1		1			1
Mixture				38	32	6	5	1			1
Ryegrass, annual				1	1	0					
Compliance Rate:	82.9%		Total	41	34	7	5	2	0	0	2
Bayer Cropscience, Lubbock, TX											
Cotton				4	4	0					
Compliance Rate:	100.0%		Total	4	4	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Belt Fur Wool & Seed Co, Leonard, MO											
Wheat, soft red winter				1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Botanical Interest Inc, Broomfield, CO											
Vegatable				16	16	0					
Compliance Rate:	100.0%		Total	16	16	0	0	0	0	0	0
Buchheit, Inc, Perryville, MO											
Fescue, tall				2	2	0					
Ryegrass, annual				1	1	0					
Compliance Rate:	100.0%		Total	3	3	0	0	0	0	0	0
BWI Companies Inc, Texarkana, TX											
Mixture				1	1	0					
Rye				2	1	1			1		
Ryegrass, annual				1	1	0					
Compliance Rate:	75.0%		Total	4	3	1	0	0	1	0	0
Cache River Valley, Cash, AR											
Rice				3	3	0					
Compliance Rate:	100.0%		Total	3	3	0	0	0	0	0	0

				Type of Violation						
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed
Channel Bio, LLC, St. Louis, MO		Mixture	6	6	0					
		Soybean	9	9	0					
Compliance Rate:	100.0%		Total	15	15	0	0	0	0	0
Cropland Genetics, Fort Dodge, IA		Soybean	1	1	0					
			1	1	0	0	0	0	0	0
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0
Cullum Seed Co, Fisher, AR		Wheat	1	1	0					
			1	1	0	0	0	0	0	0
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0
Delta Grow Seed, England, AR		Soybean	4	3	1	1				
			4	3	1	1	0	0	0	0
Compliance Rate:	75.0%		Total	4	3	1	1	0	0	0
Discount Seeds Inc, Watertown, SD		Barley	1	1	0					
		Oat	1	1	0					
		Rye	2	2	0					
			4	4	0	0	0	0	0	0
Compliance Rate:	100.0%		Total	4	4	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
DLF International Seeds Inc, Halsey, OR											
Mixture				1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
El-Par Stock & Seed Farm, Versailles, MO											
Barley				1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Ferguson Seed Farms, Glasgow, MO											
Wheat, red				1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
French's Hybrids Inc, Wakeman, OH											
Spelt, winter				1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Gard'n Wise, Wichita, KS											
Mixture				2	2	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0
George Keller & Sons Co, Quincy, IL											
Fescue, tall				1	0	1		1			1
Compliance Rate:	0.0%		Total	1	0	1	0	1	0	0	1

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Golden Acres Genetic Limited, Waco, TX											
		Sorghum, grain		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Grass Pad Warehouse, Olathe, KS											
		Fescue, tall		3	3	0					
		Mixture		15	14	1		1			
Compliance Rate:	94.4%		Total	18	17	1	0	1	0	0	0
Green Horizons, Jefferson City , MO											
		Fescue, tall		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Green Seed Co Inc, Springfield, MO											
		Alfalfa		4	4	0					
		Bermudagrass		13	13	0					
		Bluegrass, Kentucky		5	4	1	1				
		Chickory		1	1	0					
		Clover, crimson		5	5	0					
		Clover, Dutch white		1	1	0					
		Clover, ladino		3	3	0					
		Clover, medium red		5	5	0					
		Clover, red		4	4	0					
		Clover, white		4	4	0					
		Clover, yellow blossom sweet		1	1	0					
		Cowpea, red ripper		3	3	0					
		Crabgrass		1	1	0					
		Fescue, creeping red		1	1	0					
		Fescue, tall		45	35	10	9	1	2		
		Lespedeza, Korean		2	2	0					
		Lovegrass, weeping		1	1	0					

			Type of Violation								
			Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop	
	Millet, browntop	2	0	2	2						
	Millet, Japanese	6	6	0							
	Millet, pearl	3	3	0							
	Mixture	15	14	1		1					
	Oat	3	1	2			2				
	Orchardgrass	5	4	1		1					
	Pea, Austrian winter	2	2	0							
	Pea, field	5	4	1	1						
	Radish, forage	2	2	0							
	Rye	24	24	0							
	Ryegrass, annual	42	42	0							
	Ryegrass, perennial	7	7	0							
	Sorghum	3	3	0							
	Sorghum-sudangrass	13	13	0							
	Soybean	10	10	0							
	Sugarbeets	1	0	1	1						
	Timothy	2	2	0							
	Trefoil, birdsfoot	1	1	0							
	Tritical	1	1	0							
	Turnips	2	2	0							
	Vetch, hairy	1	1	0							
	Wheat	10	10	0							
	Compliance Rate:	92.7%	Total	259	240	19	14	3	4	0	0
	Green Valley Seed Inc, Kahoka, MO										
		Alfalfa	1	1	0						
Buckwheat		1	1	0							
Clover, red		1	1	0							
Millet, Japanese		1	1	0							
Mixture		7	7	0							
Oat		2	1	1			1				
Radish		1	1	0							
Soybean		3	3	0							
Turnip		1	1	0							
Compliance Rate:		94.4%	Total	18	17	1	0	0	1	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Greenbush Seed & Supply, Hutcheson, KS											
		Wheat		1	1	0					
Compliance Rate:	100.0%	Total		1	1	0	0	0	0	0	0
Growmark Inc, Bloomington, IL											
		Alfalfa		1	1	0					
		Soybean		3	3	0					
Compliance Rate:	100.0%	Total		4	4	0	0	0	0	0	0
Haas Seed House, Albers, IL											
		Wheat		3	3	0					
Compliance Rate:	100.0%	Total		3	3	0	0	0	0	0	0
Hall Roberts' Son Inc Feed & Seed, Postville, IA											
		Oat		2	2	0					
Compliance Rate:	100.0%	Total		2	2	0	0	0	0	0	0
Horizon Ag LLC, Memphis, TN											
		Rice		1	1	0					
Compliance Rate:	100.0%	Total		1	1	0	0	0	0	0	0
Hummert Seeds, St Joseph, MO											
		Vegetable		29	28	1	1				
Compliance Rate:	96.6%			29	28	1	1	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Hundley Seed Co, Champlain, VT		Barley		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Hurt Seed Co, Halls, TN		Soybean		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Infinity Fertilizers Inc, Milan, IL		Mixture		1	0	1	1				
Compliance Rate:	0.0%		Total	1	0	1	1	0	0	0	0
Jamestown Agri Service Inc, Jamestown, MO		Orchardgrass		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Jimmy Sanders, Inc, Stuttgart, AR		Clover, red		1	1	0					
		Oat		1	1	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0
Larry Porter Seed LLC, Roe, AR		Oat		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Leo Strobel & Sons Seed, Concordia, MO											
Mixture				1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Lebanon Seaboard Corporation, Lebanon, PA											
Mixture				3	3	0					
Compliance Rate:	100.0%		Total	3	3	0	0	0	0	0	0
Lesco Inc, Cleveland, OH											
Mixture				6	5	1	1				
Compliance Rate:	83.3%		Total	6	5	1	1	0	0	0	0
Livingston Seed Co, Columbus, OH											
Vegetable				18	17	1	1				
Compliance Rate:	94.4%		Total	18	17	1	1	0	0	0	0
Loveland Products, Inc, Greeley, CO											
Cotton				1	1	0					
Mixture				12	12	0					
Soybean				57	57	0					
Wheat				3	3	0					
Compliance Rate:	100.0%		Total	73	73	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Maddox Seeds, LLC, Jonesboro, AR											
		Rice		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Merschman Seeds Inc, West Point, IA											
		Soybean		12	12	0					
Compliance Rate:	100.0%		Total	12	12	0	0	0	0	0	0
MFA Inc. Seed Division, Columbia, MO											
		Alfalfa		9	9	0					
		Bermudagrass		1	1	0					
		Bluegrass, Kentucky		1	1	0					
		Brome, smooth		1	1	0					
		Buckwheat		1	1	0					
		Canarygrass, reed		1	1	0					
		Clover, alsike		2	2	0					
		Clover, crimson		3	3	0					
		Clover, ladino		4	4	0					
		Clover, medium red		2	2	0					
		Clover, red		4	4	0					
		Clover, white		4	4	0					
		Clover, yellow sweet		2	2	0					
		Corn		3	3	0					
		Cowpea		1	1	0					
		Fescue, creeping red		3	2	1	1				
		Fescue, tall		23	22	1		1	1		
		Lespedeza, Korean		2	2	0					
		Millet, German or foxtail		2	2	0					
		Millet, Japanese		1	1	0					
		Millet, pearl		2	2	0					
		Mixture		56	55	1		1			
		Oat		3	3	0					
		Orchardgrass		8	7	1					1
		Pea, Australian winter		1	1	0					

			Type of Violation							
			Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
	Pea, winter	2	2	0						
	Radish	5	5	0						
	Rape	2	2	0						
	Rye	2	2	0						
	Ryegrass, annual	2	2	0						
	Ryegrass, perennial	5	5	0						
	Sorghum, grain	4	4	0						
	Sorghum-sudangrass	1	1	0						
	Soybean	37	37	0						
	Teff	1	1	0						
	Timothy	7	7	0						
	Triticale	1	1	0						
	Turnip, forage	3	3	0						
	Vetch	3	3	0						
	Wheat	31	31	0						
Compliance Rate:	98.4%	Total	246	242	4	1	2	1	0	1
MFA Seed Dist, Sedalia, MO										
	Bluegrass, Kentucky	1	1	0						
	Clover, medium red	3	3	0						
	Clover, red	1	1	0						
	Fescue, tall	8	8	0						
	Orchardgrass	3	3	0						
	Ryegrass, annual	2	2	0						
	Ryegrass, perennial	3	3	0						
	Teff	1	0	1	1					
Compliance Rate:	95.2%	Total	21	20	1	1	0	0	0	0

						Type of Violation				
						Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
						Lots Inspected	Lots Passed	Lots in Violation		
Miller Seed Co, Clinton, MO										
	Fescue, tall	1	1	0						
	Radish	1	1	0						
	Turnip, forage	1	1	0						
Compliance Rate:	100.0%	Total	3	3	0	0	0	0	0	0
Missouri Southern Seed, Rolla, MO										
	Alfalfa	8	8	0						
	Bermudagrass	3	3	0						
	Bluegrass, Kentucky	4	4	0						
	Brassica	1	1	0						
	Brome, smooth	4	2	2	1	1				
	Bromegrass	1	1	0						
	Buckwheat	1	1	0						
	Canarygrass, reed	1	1	0						
	Chicory	2	1	1	1					
	Chufa	1	1	0						
	Clover	2	2	0						
	Clover, alsike	1	1	0						
	Clover, crimson	3	3	0						
	Clover, Dutch white	2	2	0						
	Clover, ladino	10	10	0						
	Clover, medium red	23	23	0						
	Clover, red	12	12	0						
	Clover, white	3	3	0						
	Clover, yellow blossom sweet	1	1	0						
	Cowpea	2	2	0						
	Fescue, creeping red	2	2	0						
	Fescue, red	1	1	0						
	Fescue, tall	55	47	8	2	4	1			2
	Festulolium	3	3	0						
	Lespedeza	13	12	1	1					
	Millet	1	1	0						
	Millet, German or foxtail	3	3	0						
	Millet, Japanese	2	2	0						

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
	Mixture			51	50	1					1
	Orchardgrass			15	15	0					
	Pea, field			5	5	0					
	Radish			7	7	0					
	Rape			2	2	0					
	Rye			1	1	0					
	Ryegrass			3	3	0					
	Ryegrass, annual			14	14	0					
	Ryegrass, intermediate			4	4	0					
	Ryegrass, perennial			15	14	1	1				
	Sorghum			1	1	0					
	Sorghum-sudangrass			4	4	0					
	Soybean			1	1	0					
	Sunflower			1	1	0					
	Teff			1	1	0					
	Timothy			5	5	0					
	Trefoil, birdsfoot			2	2	0					
	Triticale			2	2	0					
	Turnip			6	6	0					
	Vetch			2	2	0					
Compliance Rate:	95.4%	Total	307	293	14	0	6	5	1	0	3
Monsanto Company, St. Louis, MO											
	Corn, field			12	12	0					
	Cotton			7	7	0					
	Mixture			37	37	0					
	Soybean			628	627	1	1				
Compliance Rate:	99.9%	Total	684	683	1	1	0	0	0	0	0
Morgan County Seeds, Barnett, MO											
	Vegetable			74	71	3	3				
Compliance Rate:	95.9%	Total	74	71	3	3	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Mossy Oak Biologic, West Point, MS											
		Mixture		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
MRM Ag Service, East Prairie, MO											
		Wheat, winter		2	2	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0
Neco Seed, Garden City, MO											
		Soybean		46	45	1	1				
Compliance Rate:	97.8%		Total	46	45	1	1	0	0	0	0
New Deal Tobacco Warehouse, Weston, MO											
		Fescue, tall		1	0	1	1				
		Orchardgrass		1	1	0					
		Pea, garden		1	1	0					
Compliance Rate:	66.7%		Total	3	2	1	1	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Nixa Hardware, Nixa, MO											
		Alfalfa		1	1	0					
		Bermudagrass		1	1	0					
		Clover, ladino		1	1	0					
		Crabgrass		1	1	0					
		Fescue, tall		1	1	0					
		Millet, German or foxtail		1	1	0					
		Millet, pearl		1	1	0					
		Orchardgrass		1	1	0					
		Sorghum-sudangrass		1	1	0					
		Soybean		1	1	0					
		Teff		1	1	0					
Compliance Rate:	100.0%		Total	11	11	0	0	0	0	0	0
Olean Seed Company, Olean, MO											
		Fescue, tall		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Osborne Seed Co, Parkin, AR											
		Rice		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Page Seed Company, Green, NY											
		Vegetable		4	4	0					
Compliance Rate:	100.0%		Total	4	4	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Partners in Production, Sun Prairie, WI											
		Oat		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Paul Parsons, Albany, MO											
		Oat		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Peas Inc, Pleasanton, TX											
		Pea		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Pennington Seed, Madison, GA											
		Mixture		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Pennington Seed Inc, Greenfield, MO											
		Fescue, tall		36	33	3	2		1		
		Mixture		82	73	9	6	3			1
		Ryegrass, annual		2	2	0					
Compliance Rate:	90.0%		Total	120	108	12	8	3	1	0	1
Pennington Seed Inc, Lebanon, OR											
		Fescue, tall		1	1	0					
		Mixture		3	3	0					
Compliance Rate:	100.0%		Total	4	4	0	0	0	0	0	0

				Type of Violation						
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed
Performance Seed, St Cloud, MN		Mixture		1	1	0				
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0
Petrus Seed & Grain Co. Inc, Hazen, AR		Oat		3	3	0				
Compliance Rate:	100.0%		Total	3	3	0	0	0	0	0
Phytogen Seed Co LLC, Indianapolis, IN		Cotton		1	1	0				
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0
Pioneer Hi-Bred International, Johnston, IA		Corn, field		11	11	0				
		Mixture		14	14	0				
		Sorghum, grain		1	1	0				
		Soybean		256	256	0				
		Wheat		2	2	0				
Compliance Rate:	100.0%		Total	284	284	0	0	0	0	0
Plantation Products, Norton, MA		Vegetable		114	109	5	3	2		
Compliance Rate:	95.6%		Total	114	109	5	3	2	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Planters Seed Co, Kansas City, MO		Mixture		2	2	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0
Progeny Seed, Wynne, AR		Soybean		2	2	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0
Ragan & Massey Inc, Ponchatoula, LA		Oat		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Ricetec Inc, Alvin, TX		Rice		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
River Bend Rice Seed, McClure, IL		Rice		3	3	0					
Compliance Rate:	100.0%		Total	3	3	0	0	0	0	0	0
RLH Plantinum Dist & Consulting, Lenexa, KS		Mixture		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
S & H Farm Supply, Lockwood, MO											
		Mixture		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
S & S Seed, Stockton, MO											
		Bluegrass, kentucky		1	0	1	1				
		Clover, arrowleaf		1	1	0					
		Clover, ladino		1	1	0					
		Clover, medium red		1	1	0					
		Fescue, tall		2	2	0					
		Lespedeza		1	1	0					
		Orchardgrass		3	3	0					
		Ryegrass, annual		1	1	0					
		Teff		2	0	2	2				
		Timothy		1	1	0					
		Turnip		1	1	0					
Compliance Rate:	80.0%		Total	15	12	3	3	0	0	0	0
Schillinger Seed Inc, West Des Moines, IA											
		Soybean		10	10	0					
Compliance Rate:	100.0%		Total	10	10	0	0	0	0	0	0
Scotts Company, Marysville, OH											
		Fescue, tall		1	1	0					
		Mixture		43	41	2	2				
Compliance Rate:	95.5%		Total	44	42	2	2	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Seed Consultants, Inc, Washington Ch, OH											
Soybean				16	16	0					
Compliance Rate:	100.0%		Total	16	16	0	0	0	0	0	0
Seeds by Design, Maxwell, CA											
Vegetable				1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Seeds of Change, Rancho Dominguez, CA											
Vegetable				16	14	2	2				
Compliance Rate:	87.5%		Total	16	14	2	2	0	0	0	0
Seedtec Genetics, Bishop, TX											
Cotton				2	2	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0
Sexauer Discount Farm Services, Brookings, SD											
Oat				2	2	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0
Shawneetown Feed & Seed Co, Jackson, MO											
Fescue, tall				1	1	0					
Vegetable				8	8	0					
Wheat				1	1	0					
Compliance Rate:	100.0%		Total	10	10	0	0	0	0	0	0

				Type of Violation						
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed
Siemer Enterprises, Teutopolis, IL		Fescue, tall Mixture		4 1	3 1	1 0		1		
Compliance Rate:	80.0%		Total	5	4	1	0	0	1	0 0
Sorghum Partners LLC, New Deal, TX		Sorghum, grain Sudangrass		5 1	5 1	0 0				
Compliance Rate:	100.0%		Total	6	6	0	0	0	0	0 0
Southern States Cooperative Inc, Richmond, VA		Oat		1	1	0				
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0 0
Stine Seed Farm Inc, Adel, IA		Soybean		7	7	0				
Compliance Rate:	100.0%		Total	7	7	0	0	0	0	0 0
Stoddard Co Seed Service, Dudley, MO		Soybean		3	3	0				
Compliance Rate:	100.0%		Total	3	3	0	0	0	0	0 0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Syngenta Seed Inc, Minneapolis, MN		Corn, field Soybean		4	4	0					
			20	20	0						
Compliance Rate:	100.0%		Total	24	24	0	0	0	0	0	0
Tanner Seed Co, Bernie, MO		Rice		6	6	0					
				6	6	0	0	0	0	0	0
Compliance Rate:	100.0%		Total	6	6	0	0	0	0	0	0
Telebrands Corp, Fairfield, NJ		Mixture		2	2	0					
				2	2	0	0	0	0	0	0
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0
Terrel Seed Inc, Lake Providence, LA		Corn, field		1	1	0					
				1	1	0	0	0	0	0	0
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Tractor Supply Co, Brentwood, TN		Fescue, tall Mixture		3	2	1	1				
				1	1	0					
				4	3	1	1	0	0	0	0
Compliance Rate:	75.0%		Total								

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Tri-Star Seed Company, Spring Hill, KS											
			Bluegrass, Kentucky	5	2	3	3				
			Clover, medium red	1	1	0					
			Fescue, creeping red	2	2	0					
			Fescue, tall	12	9	3	2		1		
			Mixture	24	18	6	6				
			Orchardgrass	1	0	1					
			Ryegrass	1	1	0					
			Ryegrass, annual	2	2	0					
			Ryegrass, perennial	2	2	0					
			Vegetable	12	12	0					
Compliance Rate:	79.0%		Total	62	49	13	11	0	1	0	0
W Atlee Burpee Co, Warminster, PA											
			Vegetable	153	153	0					
Compliance Rate:	100.0%		Total	153	153	0	0	0	0	0	0
Weber Seeds Inc, Marshall, MO											
			Wheat	2	2	0					
Compliance Rate:	100.0%		Total	2	2	0	0	0	0	0	0
Westlake Ace Hardware, Lenexa, KS											
			Fescue, tall	1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi- nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
Whitetail Institute of North America, Pintlala, AL											
		Mixture		13	13	0					
Compliance Rate:	100.0%		Total	13	13	0	0	0	0	0	0
Wild West Seed, Inc, Albany, OR											
		Vegetable		1	1	0					
Compliance Rate:	100.0%		Total	1	1	0	0	0	0	0	0
Willcross Seed, King City, MO											
		Soybean		13	13	0					
Compliance Rate:	100.0%		Total	13	13	0	0	0	0	0	0
Williams Lawn Seed Co, Maryville, MO											
		Bluegrass, Kentucky		2	2	0					
		Fescue, creeping red		3	3	0					
		Fescue, tall		10	10	0					
		Mixture		21	21	0					
		Ryegrass, perennial		2	2	0					
Compliance Rate:	100.0%		Total	38	38	0	0	0	0	0	0
Winfield Solutions, LLC, St. Paul, MN											
		Mixture		3	3	0					
		Soybean		2	2	0					
Compliance Rate:	100.0%		Total	5	5	0	0	0	0	0	0

				Type of Violation							
				Lots Inspected	Lots Passed	Lots in Violation	Germi-nation	Pure Seed	Noxious / Prohibited Weeds	Weed Seed	Other Crop
X-Seed Inc, Clear Lake, MN											
		Mixture		3	2	1	1				
Compliance Rate:	66.7%		Total	3	2	1	1	0	0	0	
OVERALL TOTAL				3023	2920	103	72	19	11	0	8

SECTION TWO

VIOLATIONS OF SEED LOTS FOR REASONS OTHER THAN CONTENT CLAIMS

VIOLATIONS ON SEED LOTS FOR REASONS OTHER THAN CONTENTS CLAIMS

Company	Reason Field Written Stop Sale was Issued	Number of Violations
Farmers Elevator Co. Argyle, Mo.	Germination test date exceeds ten month maximum.	3
Linn MFA Coop #280 Linn, Mo.	Germination test date exceeds ten month maximum.	3
Lowe's of Jefferson City Jefferson City, Mo.	Relabeling not in compliance with Seed Law	1
MFA Agri Services Versailles, Mo.	Germination test date exceeds ten month maximum.	3
MFA Agri Services St. Clair, Mo.	Germination test date exceeds ten month maximum	2
Ollar Outdoors Thayer, Mo.	No current seed permit	1
Orscheln Farm & Home LLC California, Mo.	Germination test date exceeds ten month maximum	3